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Application Number	
Filing Date	11/07/2003
First Named Inventor	ANDREEV, LEONID
Art Unit	2175
Examiner Name	MIZRAHI, DIANE D.
Attorney Docket Number	

U. S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

Diane Mizrahi

Primary Patent Examiner
Technology Center - 2600

Date Considered

6/16/05

**Examiner
Signature**

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Art Unit	2175
Examiner Name	MIZRAHI, DIANE D.
Attorney Docket Number	

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
		Anderson, D. R., Burnham, K. P., and Thompson, W. L. (2000) Null hypothesis testing: problems, prevalence, and an alternative. Journal of Wildlife Management 64(4): 912-923	
		Bellman, R. 1991. Adaptive Control Process: A Guided Tour. Princeton University Press.	
		Cunado, P., Nixon, M. S., and Carter, L. N. (2003) Automatic Extraction and Description of Human Cell Models for Recognition Purposes. Computer Vision and Image Understanding,	
		Fisher, R.A. 1925. Statistical Methods for Research Workers. Oliver and Boyd, London.	
		Halloran, Mark. The hazard of mechanical hypothesis testing. Psycholoquy, 1999, 10, #4 Social Bias 13	
		Johnson, D. H. Hypothesis Testing: Statistics as Pseudoscience (6th Annual Conference of the Wildlife Society, Buffalo, NY, 20 Sept 1998, post-electron. on www.npwrc.usgs.gov)	
		Kendall, M. and Stuart, A. 1970. The advanced theory of statistics - Vol. 2. New York: Hafner.	
		Kolmogorov, A. N. 1965. Three approaches to the quantitative definition of information. Prob. Inform. Transmission, 1, 4 - 7	
		Landauer, R. 1994. Inevitability and heat generation in the computing process. IBM Journal of Research and Development, vol. 38, No. 3	
		Lashkov, Oleg. Dissemination of expert knowledge: the problem and methods. (Int. J. Inv. Technology and Decision Making, vol. 1, No. 1 (2002) 27-42	

Examiner Signature	Primary Patent Examiner	Date Considered
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Examiner Name	MIZRAHI, DIANE D.

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NON PATENT LITERATURE DOCUMENTS			
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		McGuire, W. J. 1989. In: <i>The Psychology of Science: Contributions to Mathematics</i> . Ed. B. Gholson, A. Hoult, R. Neimeyer, W. R. Shadish, pp. 274-245. New York: Cambridge Univ.	
		McGuire, W.J. (1997) Creative hypothesis generating in psychology: some useful heuristics. <i>Annual Review of Psychology</i> , V. 48, pp. 1-30	
		Michalski, R. S., Carbonell, J. G., Mitchell, T. M., <i>Machine Learning</i> . Menlo Park: Kaufmann Publishers, Los Altos, CA, 1986	
		Nanavati, S., Thieme, M., and Nanavati, P. (2002) <i>Biometrics, Identity Verification in a Networked World</i> . John Wiley & Sons, Inc. New York	
		Neyman, J. and Pearson, E. S. 1933. On the problem of the most efficient tests of statistical hypotheses. <i>Philosophical Transactions of the Royal Society, A</i> 131: 289-337	
		Plenio, M. B., and Vitelli, V. 2001. The physics of forgetting: Landauer's erasure principle and information theory. <i>Contemporary Physics</i> , vol. 42, No. 1, pp. 25-60	
		Popper, Karl. <i>The logic of scientific discovery</i> . New York: Basic Books, Inc. 1959	
		Royall, R. M. 1997. <i>Statistical evidence: a likelihood paradigm</i> . Chapman and Hall, London, UK	
		Russel, S. (1997) Rationality and intelligence. <i>Artificial Intelligence Journal</i> , 94 (1-2), 57-77	
		Searle, John. (1983). <i>The Rediscovery of the Mind</i> . MIT Press, Cambridge, Mass	

Examiner Signature	Diane Mizrahi Primary Patent Examiner	Date Considered	11/07/05
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